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(71) Applicant (for all designated States except US): CARITAS ST. ELIZABETH'S MEDICAL CENTER OF BOSTON, INC. [US/US]; 736 Cambridge Street, Boston, MA 02135 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LOSORDO, Douglas, W. [US/US]; 22 Jefferson Road, Winchester, MA 01890 (US). KISHORE, Raj [IN/US]; 3 Darien Circle, Nashua, NH 03062 (US).

(74) Agents: BUCHANAN, Robert, L. et al.; Edwards & Angel, LLP, P.O. Box 9169, Boston, MA 02209 (US).

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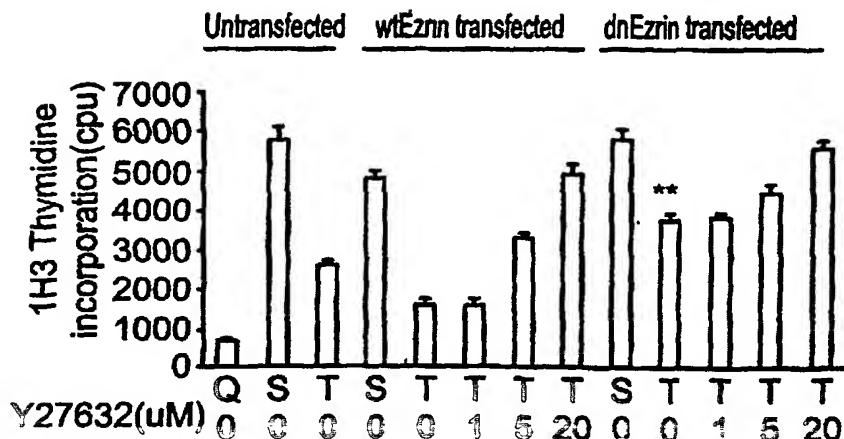
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(54) Title: CELL MODULATION USING A CYTOSKELETAL PROTEIN



(57) Abstract: Disclosed are compositions and methods for modulating endothelial cells (ECs) in a mammal. Practice of the invention generally involves changing activity of the ezrin cytoskeletal protein sufficient to increase or decrease proliferation of the cells. Also disclosed are useful screens for detecting agents capable of modulating ezrin activity. The invention has a variety of useful applications including use in the treatment of diseases associated with unsatisfactory EC proliferation.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/23978

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A01N 43/04; A61K 31/70, 38/00, 51/00; C07H 21/04;
US CL : 514/2, 44; 435/6, 325, 375, 458; 536/24.5; 424/1.11

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 514/2, 44; 435/6, 325, 375, 458; 536/24.5; 424/1.11

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	SAWADA et al. Inhibition of Rho-Associated Kinase Results in Suppression of Neointimal Formation of Ballon-Injured Arteries. Circulation. May 2000, Vol. 101, No. 17, pages 2030-2033, especially page 2031, Figure 2.	1-74
Y	PEREZ et al. Activation of the PKB/AKT Pathway by ICAM-2. Immunity. January 2002, Vol. 16, pages 51-65, especially page 61, Figure 7.	1-74

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Faxsimile No. (703) 305-3230

Authorized officer

Janet L. Epps-Ford, Ph.D.

Telephone No. 571-272-0547

INTERNATIONAL SEARCH REPORT

PCT/US03/23978

Continuation of B. FIELDS SEARCHED Item 3:

CAplus, USpatfull, Pctfull, Medline, Derwent, EPO, JPO, USPAT, US-PG-pub

Search terms: Losordo ?au, ezrin, rho, ROCK-1, ROCK-2, TNF?, blood vessel, endothelial cell, lymph cell